

RECEIVED
CENTRAL FAX CENTER

DEC 30 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:)	Docket No.:	2771-546-CIP1
Applicants:)	Conf. No.:	8335
Application No.:)	Art Unit:	2856
Date Filed:)	Examiner:	Jacques M. Saint Surin
Title:)	Customer No.:	
NICKEL-COATED FREE-)		
STANDING SILICON)		
CARBIDE STRUCTURE FOR)		
SENSING FLUORO OR)		
HALOGEN SPECIES IN)		
SEMICONDUCTOR)		
PROCESSING SYSTEMS,)		
AND PROCESSES OF MAKI)		

23448

FACSIMILE TRANSMISSION CERTIFICATE

ATTN: Examiner

Fax No. (571) 273-8300

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 29, 2005, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

5

Number of Pages (including cover)


Joanna Joslyn

December 30, 2005

Date

**SUBMISSION OF POWER OF ATTORNEY AND STATEMENT UNDER
37 CFR 3.73(b) FOR U.S. PATENT APPLICATION NO. 10/784,606**

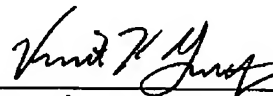
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

2771-546-CIP1

Enclosed and submitted herewith is a Power of Attorney to Prosecute Applications before the USPTO (Form PTO/SB/80), and a Statement Under 37 CFR 3.73(b) (Form PTO/SB/96) for the above-identified U.S. patent application.

Respectfully submitted,



Vincent K. Gustafson
Reg. No. 46,182
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Phone: (919) 419-9350
Fax: (919) 419-9354
Attorney File No.: 2771-546-CIP1

RECEIVED
CENTRAL FAX CENTER

04:12:45 p.m.

12-30-2005

3 /5

DEC 30 2005

PTO/SB/88 (04-05)

Approved for use through 11/30/2005. OMB 0551-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

23448

☒ AND
Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
John Boyd	38,055		
Margaret Chappuis	45,735		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

23448

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

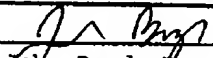
Assignee Name and Address:

Advanced Technology Materials, Inc.,
7 Commerce Drive
Danbury, Connecticut 06810

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/88 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	Oct. 12, 2005
Name	John Boyd, Esq.	Telephone	(203) 794-1100
Title	Chief Intellectual Property Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**RECEIVED
CENTRAL FAX CENTER**

04:13:14 p.m.

12-30-2005

4 /5

DEC 30 2005

PTO/SB/98 (09-04)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: DiMeo Jr., et al.Application No./Patent No.: 10/784,606Filed/Issued Date: February 23, 2004Entitled: NICKEL-COATED FREE-STANDING SILICON CARBIDE STRUCTURE FOR SENSING FLUORO OR HALOGEN SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMS, AND PROCESSES OF MAKI

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title, and interest.

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel/Frame 013683/0658, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel/Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel/Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel/Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

December 30, 2005

Date

Vincent K. Gustafson

Printed or Typed Name

(919) 419-9350

Telephone Number

Attorney for Applicants

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)



Assignments on the Web > Patent Query

Patent Assignment Abstract of Title

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Total Assignments: 1

Patent #: NONE **Issue Dt:** **Application #:** 10273036 **Filing Dt:** 10/17/2002
Publication #: US20040074285 **Pub Dt:** 04/22/2004

Inventors: Frank Dimeo JR., Philip S. H. Chen, Jeffrey W. Neuner, James Welch, Michele Stawasz et al

Title: Apparatus and process for sensing fluoro species in semiconductor processing systems

Assignment: 1

Reel/Frame: 013683/0658

Recorded: 01/15/2003

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: DIMEO, JR., FRANK

Exec Dt: 10/14/2002

CHEN, PHILIP S.H.

Exec Dt: 10/15/2002

NEUNER, JEFFREY W.

Exec Dt: 10/21/2002

WELCH, JAMES

Exec Dt: 10/15/2002

STAWASZ, MICHELE

Exec Dt: 10/21/2002

BAUM, THOMAS H.

Exec Dt: 10/14/2002

KING, MACKENZIE E.

Exec Dt: 10/14/2002

CHEN, ING-SHIN

Exec Dt: 10/16/2002

ROEDER, JEFFREY F.

Exec Dt: 10/14/2002

Assignee: ADVANCED TECHNOLOGY MATERIALS, INC.

7 COMMERCE DRIVE

DANBURY, CONNECTICUT 06810

Correspondent: ADVANCED TECHNOLOGY MATERIALS, INC.

OLIVER A. ZITZMANN

7 COMMERCE DRIVE

DANBURY, CT 06810

Search Results as of: 12/29/2005 10:25 AM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350

[HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)

BEST AVAILABLE COPY